

FIG. 1

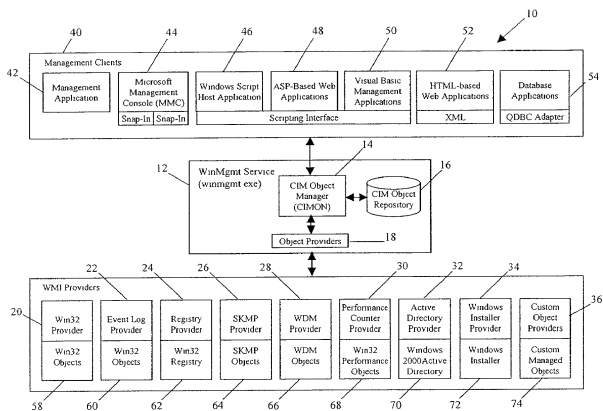


FIG. 2

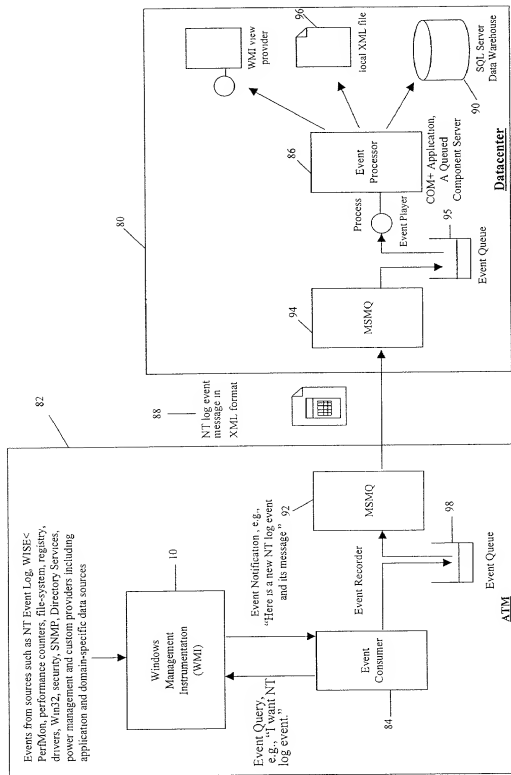


FIG. 3

```
graph TD; S1[S1: The Queued Component Client on the ATM makes a query of NT Log Event type to WMI and subsequently subscribes to that particular event type] --> S2[S2: The Queued Component Client acts as an Event Consumer and is notified by WMI when an NT Log Event occurs]; S2 --> S3[S3: The Event Message is also captured and hence consumed by the Queued Component Client even before the message is written into the NT Event Log]; S3 --> S4[S4: Upon capturing the NT Log Event, the Queued Component Client immediately sends the Event Message in XML data format to the remote Data Center Server through MSMQ]; S4 --> S5[S5: The Event Processor, a Queued Component of COM+application, on the server side removes the Event Message from the Event Queue and does what it wishes with the Event Message]; S5 --> S6[S6: The Event Message is stored into SQL Server Data Warehouse in XML format]; S6 --> S7[S7: The stored Event Message can be analyzed by using a management tool such as Online Analytical Processing (OLAP) coupled with Data Warehouse];
```

The flowchart illustrates the NT Log Event capture and processing sequence, consisting of seven steps (S1 to S7) connected by downward arrows:

- S1:** The Queued Component Client on the ATM makes a query of NT Log Event type to WMI and subsequently subscribes to that particular event type
- S2:** The Queued Component Client acts as an Event Consumer and is notified by WMI when an NT Log Event occurs
- S3:** The Event Message is also captured and hence consumed by the Queued Component Client even before the message is written into the NT Event Log
- S4:** Upon capturing the NT Log Event, the Queued Component Client immediately sends the Event Message in XML data format to the remote Data Center Server through MSMQ
- S5:** The Event Processor, a Queued Component of COM+application, on the server side removes the Event Message from the Event Queue and does what it wishes with the Event Message
- S6:** The Event Message is stored into SQL Server Data Warehouse in XML format
- S7:** The stored Event Message can be analyzed by using a management tool such as Online Analytical Processing (OLAP) coupled with Data Warehouse

FIG. 4

Web Appliances	110
ATM Machines	112
KIOSK Machines	114
Vending Machines	116
Casino Slot Machines	118
Wireless Objects	120

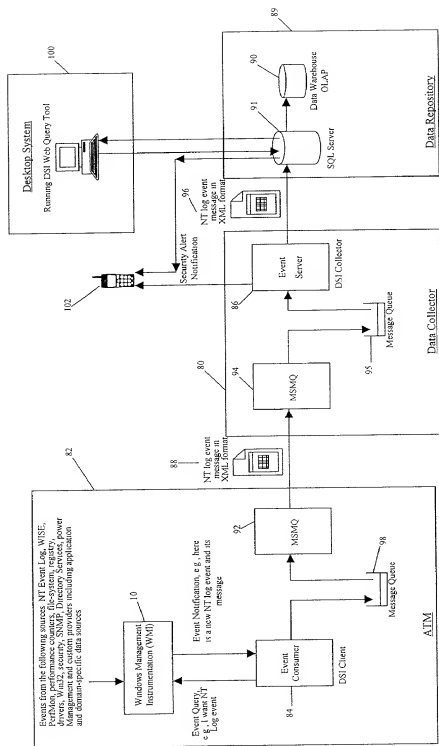


FIG. 6

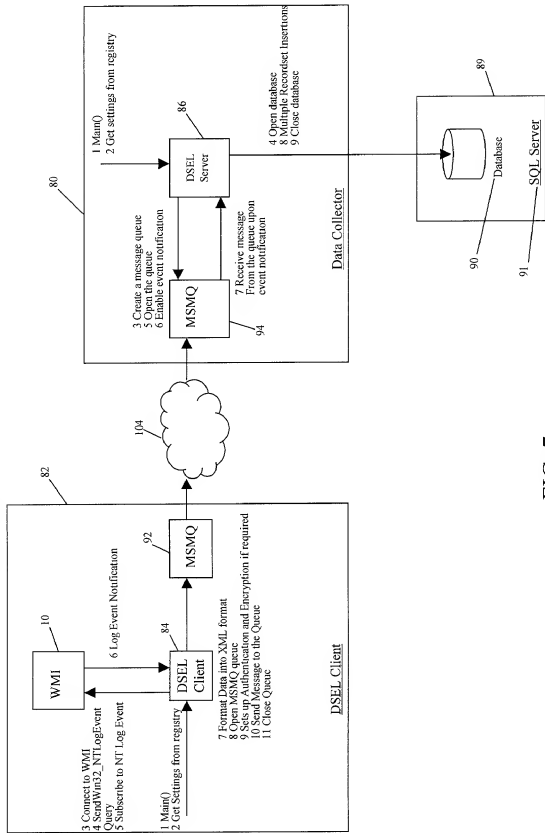


FIG. 7

FIG. 8

DSI Query

Choose from one or more of the selection criteria on this page
(Please note that test entries are case sensitive.)

☒ Start Date/Time - Month Day Year Sort Priority: A ☒ D ☐

☐ Use Today's Date/Time? ☐ Hours Minutes:

☐ End Date/Time - Month Day Year

☐ Use Today's Date/Time? ☐ Hours Minutes:

☒ Display Date/Time?

☒ Computer Name Sort Priority: A ☒ D ☐

☒ Separate multiple computers with ',' Sort Priority: A ☒ D ☐

☒ Separate multiple computers with ';' Sort Priority: A ☒ D ☐

☒ Description Contains Enter any portion of the description

☒ Severity (Type):

Information
Warning
Error

 Sort Priority: A ☒ D ☐

Hold CTRL key down to make multiple selections

FIG. 9

☒ Log (Type):

Application
System
Security

Sort Priority: ☐ A ☒ D

Hold CTRL key down to make multiple selections

☒ Source:

Active Server Pages
Application Popup
Applet
ATMSessionManager
BaseServlet
CA Policy Module
CA Transport Server

Sort Priority: ☐ A ☒ D

Hold CTRL key down to make multiple selections

SQL Command to be generated.

FIG. 10

112

2/8/2001 3:48:25 PM		DSI Query				115834 Records (Page 4633 of 23167)			
Apply New Settings	Show All on 1 Page	New Query	Regenerate Query	Previous	Next	Records per page: 5	Go to page: 2001		

Local Time	User Name	Computer	Description	Source	Category	Type	Log Type
2/8/2001 1:20:39 PM	N/A	LEEM2-W2K	DSI Log message #42204. This script generates events so that we can test the performance of DSI	WSH	0	None	Application
2/8/2001 1:20:39 PM	N/A	LEEM2-W2K	DSI Log message #42202. This script generates events so that we can test the performance of DSI.	WSH	0	None	Application
2/8/2001 1:20:39 PM	N/A	LEEM2-W2K	DSI Log message #42200. This script generates events so that we can test the performance of DSI.	WSH	0	None	Application
2/8/2001 1:20:39 PM	N/A	LEEM2-W2K	DSI Log message #42197. This script generates events so that we can test the performance of DSI	WSH	0	None	Application
2/8/2001 1:20:39 PM	N/A	LEEM2-W2K	DSI Log message #42198. This script generates events so that we can test the performance of DSI	WSH	0	None	Application

Previous Next